

Supplemental Environmental Project (SEP): Martinez Watershed Rangers Program

1. Project Name

Martinez Watershed Rangers Program (Martinez Watershed Rangers SEP)

2. Martinez Watershed Rangers SEP Amount

\$153,600 based on the following:

- \$4,800 per class project
- 32 class projects over three school years

3. Martinez Watershed Rangers SEP Developed and Implemented By Earth Island Institute/KIDS for the BAY

KIDS for the BAY is a project of Earth Island Institute (the fiscal sponsor), 501(c)(3) organization.

4. Contact

Mandi Billinge, Executive Director, KIDS for the BAY
mandi@kidsforthebay.org (510) 734-3835

5. Martinez Watershed Rangers SEP Description

KIDS for the BAY coordinates and supervises watershed stewardship and trash cleanup projects with local schools on a class-by-class basis. Students perform projects with assistance from their teachers, and families, and the primary goal of each project is trash removal from nearby neighborhoods, parks, and waterways (e.g., creeks, lakes, bay and delta shorelines). In the process, KIDS for the BAY raises awareness of watershed health and social behavior that contributes to non-point source pollution.

The Martinez Watershed Rangers SEP prioritizes projects in disadvantaged and environmental justice communities as encouraged by the State Water Resources Control Board (State Water Board's) SEP Policy¹ and further discussed in sections 6 and 7. This SEP serves low-income, urban schools in disadvantaged and environmental justice communities, in Martinez and surrounding areas within Contra Costa County, with 50 percent or higher low-income students, as recorded by [Great School Ratings](#).

a. SEP Components

KIDS for the BAY oversees each class project, which consist of an orientation, a school neighborhood survey and trash cleanup, adoption of a

¹ State Water Resources Control Board Policy on Supplement Environmental SEPs, February 3, 2009

watershed habitat in an urban open space area near the school location, and a creek or Bay trash cleanup, as described below.

1) Orientation

KIDS for the BAY's orientation for each class prepares participants (e.g., students, teachers, parent chaperones) for project work and covers background education, planning field activities and logistics, and safety.

- **Background** - Participants learn about the San Francisco Bay-Delta watershed, including how school neighborhoods connect with water (storm drain system, local creeks, the Bay, and the Pacific Ocean) and how pollutants in stormwater enter and impact this system. Emphasis is placed on water as a precious resource, the benefits of healthy watershed ecosystems to people and wildlife, and citizen actions that protect and improve water quality in their communities, such as by practicing the Five Rs (Reduce, Reuse, Recycle, Rot, and Refuse) to reduce trash, waste, and pollution in the San Francisco Bay watershed.
- **Planning** – Participants prepare for field activities and discuss logistics. KIDS for the BAY Educators explain procedures for conducting a neighborhood survey and picking up trash (e.g., using tongs, separating waste from recyclable materials), record keeping (e.g., identifying locations of storm drains and trash hotspots, documenting the types and volume of trash removed), and disposal or recycling processes. KIDS for the BAY Educators provide guidelines for project logistics that are finalized in close coordination with the classroom teacher to include school logistics (parental consent forms, buddy or staying together plans, parent volunteers, etc.).
- **Safety** – Students receive training on safe field practices that includes staying in the public right-of-way (e.g., walking on sidewalks, not trespassing on residential property) and not handling certain types of wastes that may be encountered (e.g., chemical containers, hypodermic needles, sharp objects). Some sharp objects, such as broken glass, may be removed safely by an adult (KIDS for the BAY Educator, class teacher, or parent volunteer).

2) School Campus and Neighborhood Survey and Trash Cleanup

Students implement a school campus and neighborhood survey and trash cleanup under KIDS for the BAY direction and supervision. From a walking tour of the school campus and neighborhood, students will identify the number and location of storm drains and the location of any trash hotspots. Trash encountered along the way will be picked up, categorized, counted

and recorded on the neighborhood survey sheets provided by KIDS for the BAY. Campus and neighborhood surveys and trash cleanups will take approximately one hour to complete. KIDS for the BAY will dispose of the trash collected at an authorized disposal or recycling facility, such as the school waste management service or a local city waste management center.

KIDS for the BAY will coordinate school campus and neighborhood surveys and trash cleanup with local municipalities. The locations and contents of significant trash hotspots beyond the scope of the Watershed Rangers Program (e.g., large accumulations of trash, illegally dumped large items, trash containing unsafe materials such as hazardous waste, drug paraphernalia) will be reported to local agencies and city services to request cleanup. Students will calculate the total number of gallons of trash collected over the surveyed area and share results with the local Clean Water Program.

3) Watershed Habitat Trash Cleanup

KIDS for the BAY, students, and the classroom teacher will identify a watershed habitat for adoption by an urban open space area within walking distance of the school. This area may be a localized area where trash collects (e.g., at a local park, creek, lake, or section of Bay shoreline). If no urban open space area is available within the local watershed, a storm drain grate or collection of storm drains in the neighborhood may be selected. KIDS for the BAY will oversee and supervise the watershed-habitat trash cleanup. Each participating class will take a walking field trip to clean up trash at the watershed habitat location. Trash will be picked up, categorized, and counted, and students will calculate the total number of gallons of trash collected and share results with the local Clean Water Program. The same safety rules for trash cleanup beyond the scope of the Watershed Rangers Program apply here as set forth above.

KIDS for the BAY will coordinate other activities in conjunction with the trash cleanup to help students connect with their watershed habitat or to improve community outreach. For example, activities may include increasing connections with the habitat through a sound map, “meeting” the creek, “meeting” a tree, etc. Through these activities, students will observe, study, explore, and connect with the components of a natural watershed habitat. The “Five Rs Relay Race” activities will teach students about using the Five Rs to reduce trash and waste at the source.

4) Creek, Lake, Bay, or Delta Habitat Trash Cleanup

KIDS for the BAY will oversee and supervise a field trip for each participating class to visit a creek, lake, Bay, or delta habitat and clean up

trash. Trash will be picked up, categorized, and counted, and students will calculate the total number of gallons of trash collected and share results with the local Clean Water Program. The same safety rules for trash cleanup beyond the scope of the Watershed Rangers Program apply here as set forth above. The cleanup will take approximately one hour to complete. KIDS for the BAY will dispose of the trash collected at an authorized disposal or recycling facility, such as the school waste management service or a local city waste management center.

KIDS for the BAY will coordinate other activities during this trip to help students learn about and connect with aquatic habitats and ecosystems, (e.g., a, bay scavenger hunt, or short nature hike activity. Students will observe, study, explore, and connect with the components of a natural watershed habitat. Students will complete the Watershed Rangers Program by pledging to make behavior changes including not littering and practicing the Five Rs to reduce trash and waste in their watershed. Students will write their pledges on environmental pledge cards provided by KIDS for the BAY. They will then share their pledge cards with their classmates and families.

b. Reporting

A project completion report will be submitted by KIDS for the BAY toward the end of each school year. Once the project start date is determined with the participating school and class, quarterly progress reports will be submitted by KIDS for the BAY. Table 1 provides the timing and schedule of project activities and these reports.

Reports by KIDS for the BAY will document the trash cleanups and other activities described in the project components and record progress toward project completion. The completion reports will also cover expenditure justifications (invoices, hourly rates, time sheets, etc.) and project performance measures. Table 1 lists elements of the quarterly and completion reports. KIDS for the BAY will submit reports electronically on behalf of the discharger to the following contacts at the San Francisco Bay Regional Water Quality Control Board (Regional Water Board):

- Carina Cornejo
San Francisco Bay Regional Water Quality Control Board
carina.cornejo@waterboards.ca.gov
510-622-2302
- Brian Thompson
San Francisco Bay Regional Water Quality Control Board

brian.thompson@waterboards.ca.gov
510-622-2422

6. SEP Category

Trash cleanup is consistent with the Regional Water Boards' mission to preserve, enhance, and restore the water quality and beneficial uses (BUs) of San Francisco Bay and its tributaries. Trash is an environmental pollutant regulated by U.S. EPA National Pollutant Discharge Elimination System (NPDES) permits under a municipal regional stormwater permit and statewide industrial and construction stormwater permits. The Watershed Rangers Program does not replace others' responsibilities for trash management or cleanup but, rather, is intended to provide third-party assistance in reducing the impact of a social issue.

The Martinez Watershed Rangers SEP is primarily a pollution reduction SEP; however, Martinez Watershed Rangers SEP components also include elements of assessment and audit, and environmental restoration and protection SEPs.

- **Pollution Reduction SEP** - Trash cleanup decreases the amount of waste and pollutants discharging to streams and the Bay.
- **Assessments and Audits SEP** - The identification and reporting of trash hotspots to municipalities through a neighborhood survey and the adoption of a local watershed habitat for monitoring and cleanup are a form of environmental quality assessment and study or monitoring program.
- **Environmental Restoration and Protection SEP** - Trash cleanup at a creek or Bay is nonpoint source program implementation that benefits surface water quality and ecosystems.

7. SEP Policy Support

A SEP must directly benefit or study groundwater or surface water quality or quantity and the BUs of the waters of the State. This project meets this criterion through pollution reduction and assessment that contributes to environmental restoration and protection (item 5). The SEP Policy encourages projects (like the Watershed Rangers Program) that serve disadvantaged and environmental justice communities. This program targets areas where trash is prevalent, cleanup resources are limited, and local communities may be less informed about or engaged with environmental protection and watershed stewardship. KIDS for the BAY has more than 30 years of experience serving disadvantaged and environmental-justice communities by partnering with low-income, urban elementary schools in low-income, environmental-justice communities, including in the following school districts: Oakland Unified, West Contra Costa Unified,

San Leandro Unified, Hayward Unified, Pittsburg Unified, Martinez Unified, and Mount Diablo.

KIDS for the BAY programs address environmental health and justice issues that affect the communities they partner with, including urban creek and watershed health, pollution, trash and waste, and access to nature. A goal of KIDS for the BAY is equitable access to environmental education and stewardship opportunities for all children, including English Language Learners. Diversity, equity, and inclusion are key guiding principles of KIDS for the BAY programs. To better serve communities, KIDS for the BAY provides internal professional development for staff and strives to develop culturally literate, multicultural environmental leaders. KIDS for the BAY staff receive annual training in diversity, equity, and inclusion; environmental justice; culturally responsive class management; and supporting English language learners. The KIDS for the BAY website's list of staff alumni includes many women as well as 75 percent who identify as people of color. During its 30-year history, KIDS for the BAY has helped to develop a new generation of leaders in environmental education and stewardship.

8. Above and Beyond Discharger's Obligations

This SEP provides no direct benefit to the Martinez Refining Company LLC (MRC), which has no obligation to provide financial or other support for this project, will receive no direct or indirect benefit from this effort, and will not direct or exercise any control over the SEP.

9. No Benefit to the Water Board Functions, Members, or Staff

The Martinez Watershed Rangers SEP provides no direct fiscal benefit to the State Water Board or Regional Water Board's functions, its members, its staff, or any family members of staff.

10. Nexus to the Nature or Location of Violations

Trash is prevalent throughout the San Francisco Bay, and trash cleanup projects have a broad nexus to violations of stormwater permits and other types of violations or discharges that threaten to impair the water quality of San Francisco Bay. Trash cleanups will occur in a San Francisco Bay-Delta watershed and help protect San Francisco Bay water quality and BUs by reducing trash inflow.

11. Martinez Watershed Rangers SEP Maintenance

While the SEP will be completed by the end of the school year, KIDS for the BAY has a separate teacher-training program that provides additional opportunities to the participating classrooms outside this SEP. To provide

ongoing support for teachers and continue advancing KIDS for the BAY’s mission, KIDS for the BAY staff follow up with partner teachers the year after their participation in the Martinez Watershed Rangers SEP to review any lessons learned and address the status of the watershed habitat. Staff will invite teachers to participate in a separate program (Blue Watershed Classrooms teacher follow-up support program) to further develop a watershed-friendly, zero-waste classroom and to continue trash cleanup projects in the school neighborhood and at the adopted watershed habitat.

12. California Environmental Quality Act (CEQA) Compliance

The Martinez Watershed Rangers SEP is an environmental stewardship, trash cleanup, and monitoring program for elementary school students and is not subject to CEQA (Public Resources Code section 21000 *et seq.*).

13. Martinez Watershed Rangers SEP Milestones, Schedule, and Budget

Table 1 lists the primary project milestones, deliverables, and schedule for KIDS for the BAY. Table 2 includes the projected cost associated with each milestone.

Table 1: SEP Milestones and Deliverables

Due Date	Task Descriptions	Deliverables
Year 1: January 30, 2025 Year 2: November 30, 2025 Year 3: November 30, 2026	<p>SEP planning: Complete outreach to applicable school districts and engage individual classrooms (teachers). Meet with teachers to set project schedules, sign Letters of Agreement, and distribute informational materials.</p>	
Year 1: March 30, 2025 Year 2: February 28, 2026 Year 3: February 28, 2027	<p>Milestone 1: Complete project orientations (item 5.a.1) and neighborhood survey and trash cleanup (item 5.a.2) components. Documentation will include a narrative description of activities with photographs. Photographs will include images of areas of trash before and after cleanup. Locations of trash cleanups and any trash hotspots will be identified on Google maps with the area that was surveyed and the trash cleanup that took place delineated. A table listing types and total number of gallons of trash collected will be provided. Trash disposal and recycling centers used will be identified. Reports to City representatives and trash hotspot cleanups requested and completed will be included.</p>	<p>Quarterly Report 1</p>

Settlement Agreement and Stipulated Administrative Civil Liability
Martinez Refining Company LLC
Attachment C

Due Date	Task Descriptions	Deliverables
<p>Year 1: April 30, 2025</p> <p>Year 2: April 30, 2026</p> <p>Year 3: April 30, 2027</p>	<p>Milestone 2: Complete the project watershed habitat component (item 5.a.3). Documentation will include a narrative description of activities in the adopted watershed habitat with photographs. Photographs will include images of areas of trash before and after cleanup. Locations of trash cleanups and any trash hotspots will be identified on Google maps with the area that was surveyed and the trash cleanup that took place delineated. A table listing types and total number of gallons of trash collected will be provided. Trash disposal and recycling centers used will be named. Reports to City representatives and trash hotspot cleanups requested and completed will be included.</p>	<p>Quarterly Report 2</p>
<p>Year 1: July 30, 2025</p> <p>Year 2: July 30, 2026</p> <p>Year 3: July 30, 2027</p>	<p>Milestone 3: Complete the project creek, Bay, or delta habitat trash cleanup component (item 5.a.4). Documentation will include a narrative description of activities in the habitat with photographs. Photographs will include images of areas of trash before and after cleanup. Locations of trash cleanups and any trash hotspots will be identified on Google maps with the area that was surveyed and the trash cleanup that took place delineated. A table listing types and total number of gallons of trash collected will be provided. Trash disposal and recycling centers used will be named. Reports to City representatives and trash hotspot cleanups requested and completed will be included.</p>	<p>Quarterly Report 3</p>
<p>Year 1: Sep 30, 2025</p> <p>Year 2: Sep 30, 2026</p> <p>Year 3: Aug. 30, 2027</p>	<p>Completion Report: Discuss project completion and how project performance measures were met. SEP components already reported will be summarized and referenced, and new or updated information about trash cleanups and other activities will be presented. Discussion will include information on compliance with the project schedule and budget, and/or challenges and reasons for deviations. Documentation will include a compilation of trash cleanup data for the entire project, including total gallons removed; Google map identification of all locations where trash cleanups occurred; identification of locations where city services were requested and, if known, completed; and justification of expenditures.</p>	<p>Completion Report</p>

Table 2: SEP Budget by Milestone

Task Description	Position Title/Other Line Items	Hourly Rate	Hours	Costs
Milestone One & SEP Planning				
	Executive Director	\$71.00	92	\$6,532
	Program Manager/Environmental Educator	\$36.00	192	\$6,912
	Program Environmental Educators	\$31.00	912	\$28,272
	Communications Coordinator	\$33.00	85	\$28,272
	Earth Island 15% fiscal sponsor fees			\$6,678
Subtotal: Milestone One				\$51,199
Milestone Two				
	Executive Director	\$71.00	48	\$3,408
	Program Manager/Environmental Educator	\$36.00	68	\$2,448
	Program Environmental Educators	\$33.00	460	\$15,180
	Communications Coordinator	\$31.00	40	\$1,240
	Earth Island 15% fiscal sponsor fees			\$3,341
Subtotal: Milestone Two				\$25,617
Milestone Three and Completion Report				
	Executive Director	\$71.00	72	\$5,112
	Program Manager/Environmental Educator	\$36.00	122	\$4,392
	Program Environmental Educators	\$31.00	520	\$16,120
	Communications Coordinator	\$33.00	84	\$2,772
	Travel – Field Trip Buses			\$38,372
	Earth Island 15% fiscal sponsor fees			\$10,015
Subtotal: Milestone Three				\$76,783

Task Description	Position Title/Other Line Items	Hourly Rate	Hours	Costs
TOTAL COSTS				\$153,600

Budget Narrative

This SEP Budget is for 32 third-, fourth-, or fifth-grade classes of students, their teachers, and volunteer family members to complete the Watershed Rangers Program at a cost of \$4,800 per class. If funds allocated for the SEP are not completely spent upon successful completion of the SEP, KIDS for the BAY will turn over remaining funds to the State Cleanup and Abatement Account.

14. Final Post-Martinez Watershed Rangers SEP Accounting of Expenditures

KIDS for the BAY will track all costs and include financial data of the SEP with quarterly reports. KIDS for the BAY will provide the Regional Water Board and MRC with a final report that declares SEP completion, addresses how the expected performance measures for the project (see section 16) were met, and provides a final accounting of SEP expenditures. KIDS for the BAY will submit all quarterly and final reports to

- Carina Cornejo
 San Francisco Bay Regional Water Quality Control Board
 1515 Clay Street, Suite 1400
 Oakland, CA
- Asa Marie Standfeldt
 State Water Resources Control Board, Office of Enforcement
 801 K Street, 23rd Floor
 Sacramento, CA

15. Extension if Necessary

The SEP Completion Date is the due date of the final report unless the Executive Officer approves an extension. If an extension is granted, it shall apply also to the reports to the Regional Water Board. If an extension is necessary, KIDS for the BAY shall submit a written request, copying MRC, for such extension to the Regional Water Board’s Executive Officer and shall provide the justification for the delay as required by the Stipulated Order at paragraph 17.

16. Martinez Watershed Rangers SEP Performance Measures

The SEP must achieve all the following performance measures in order for it to be deemed complete:

- a) **Milestone 1:** Signed teacher contracts and schedules of activities submitted, at least five gallons² of trash collected for each school neighborhood trash cleanup per class, survey results submitted to city clean water program, and location of any trash hotspots identified and reported to city services for requested cleanup as applicable.
- b) **Milestone 2:** Watershed habitat adopted and at least five gallons of trash cleaned up from each adopted watershed habitat per class, survey results submitted to the city clean water program, and location of any trash hotspots identified and reported to city services for requested cleanup as applicable.
- c) **Milestone 3:** Creek or Bay field trip completed and at least five gallons of trash cleaned up from each creek or Bay habitat per class, survey results submitted to city clean water program, and location of any trash hotspots identified and reported to city services for requested cleanup as applicable.
- d) **Completion Reports:** All KIDS for the BAY deliverables submitted to the Regional Water Board and MRC by the deadlines set forth in Table 1. Report will include project completion description and how performance measures were met; total trash cleanup summary table for all locations, including total gallons removed; Google map identifying all locations; and summary of city services provided as applicable.

² The number of gallons of trash collected for each cleanup will be around 5 - 20 gallons depending on conditions. The total number of gallons of trash collected for the three locations for each class will be from around 15 - 60 gallons per class, for a total of approximately 250 - 1,000 gallons of trash.