

Montgomery, Michael@Waterboards

From: El-Tawansy, Dina@DOT <dina.el-tawansy@dot.ca.gov>
Sent: Wednesday, September 2, 2020 1:31 PM
To: Montgomery, Michael@Waterboards
Cc: Mumley, Thomas@Waterboards; Lichten, Keith@Waterboards; Beauduy, Derek@Waterboards; Takhar, Hardeep@DOT; Stolarski, Phil J@DOT; Brent, Melanie@DOT; Nguyen, Doanh@DOT; Chowdhury, Shaila K@DOT; Tavares, Tony F@DOT
Subject: CDO Funding Plan and Compliance Strategy
Attachments: Draft Final CDO Investment Plan D4-DEA .pdf; Draft Final CDO Compliance Strategy D4-DEA.pdf

EXTERNAL:

Good Afternoon Mike,
Attached, for your consideration, are the updated CDO funding plan and compliance strategy prepared by the Department.
Please feel free to reach out to me for with any questions or comments.
Thank you

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DISTRICT 4 CEASE AND DESIST ORDER (CDO) INVESTMENT PLAN (7/20/20)

A. District 4 Project Investment Plan:

\$35 Million / Year Average (FY 22/23 - FY 25/26)

Table 1: Project Investment Plan

2018 SHOPP Programmed Amount	2020 SHOPP Programmed Amount	2022 SHOPP Investment Plan	2024 SHOPP Investment Plan	TOTAL INVESTMENT PLAN (CUMULATIVE)
\$ 9 million	\$85 million	\$70 million	\$70 million	\$234 million

B. HQ Local Project (CIA) Investment Plan:

\$15 Million / Year (FY 20/21- FY 25/26)

Table 2: HQ Local Project Investment Plan

	Executed # of Projects	Funding Contributed To-Date for Executed Projects	FY 20/21 Funding Committed for Executed Projects	FY 21/22 Funding Committed for Executed Projects	FY 22/23 Investment Plan	FY 23/24 Investment Plan	FY 24/25 Investment Plan	FY 25/26 Investment Plan	TOTAL INVESTMENT PLAN (CUMULATIVE)
	13 Projects	\$25 million	\$13 million	\$6 million	-	-	-	-	
INVESTMENT PLAN FOR NEW PROJECTS	-	-	\$ 2.0 million	\$ 9 million	\$ 15 million	\$ 15 million	\$ 15 million	\$ 15 million	
TOTAL INVESTMENT PLAN	-	\$ 25 million	\$ 15 million	\$ 15 million	15 million	15 million	\$ 15 million	\$ 15 million	\$ 115 million

*Local projects are funded in a multiyear cycle

C. HQ Statewide Trash Control Public Education Campaign Investment Plan:

\$3 Million / Year for Statewide Effort (FY 20/21 - FY 22/23)

D. District 4 Maintenance Trash Control Funds Investment Plan:

Table 3: Maintenance Funds Investment Plan

	Fiscal Year	Total (Yearly)
	13/14	\$16,256,293
	14/15	\$16,942,878
	15/16	\$16,023,653
	16/17	\$17,547,219
	17/18	\$24,511,417
	18/19	\$30,287,536
	19/20	\$33,505,049
INVESTMENT PLAN	20/21	\$40,700,000
	21/22	\$40,900,000
	22/23	\$41,400,000
	23/24	\$41,600,000
	24/25	\$43,400,000
	25/26	\$43,700,000

* Efforts include trash pick-up by state forces and parolee and Adopt-a Highway programs, unsheltered encampment clean-up, sweeping, storm drain clean-up and stormwater device maintenance.

Attachment

Detailed HQ CIA Local Project Investments:

CIA Project		CIA Execution Date	Estimated Const. Complete	Total Caltrans Contribution	Funding Contributed FY 2014/15 to FY 2018/19	Funding Contributed FY 19/20	Funding Committed FY 20/21	Funding Committed FY 21/22	Investment Plan FY 22/23	Investment Plan FY 23/24	Investment Plan FY 24/25	Investment Plan FY 25/26
1	City of San Mateo-1	6/19/2018	2021	\$ 2,123,000	\$ 650,000	\$ 1,473,000						
2	City of S. San Francisco-1	4/26/2017	2022	\$ 9,500,000	\$ 1,300,000	\$ 1,700,000	\$ 3,500,000	\$ 3,000,000				
3	City of S. San Francisco-2	9/20/2019	2022	\$ 6,000,000		\$ 800,000	\$ 4,200,000	\$ 1,000,000				
4	City of Richmond-1	3/21/2017	2018	\$ 2,500,000	\$ 2,500,000							
5	Town of Atherton	5/24/2017	NA	\$ 2,000,000	\$ 2,000,000							
6	City of Richmond-2	1/22/2019	2021	\$ 3,000,000	\$ 3,000,000							
7	City of San Jose	6/25/2018	2019	\$ 5,500,000	\$ 5,500,000							
8	Daly City	6/17/2020	2024	\$ 3,440,000		\$ 1,000,000	\$ 2,000,000	\$ 440,000				
9	Concord	6/17/2020	2023	\$ 4,300,000		\$ 1,000,000	\$ 2,000,000	\$ 1,300,000				
10	Contra Costa County	6/24/2020	2023	\$ 3,945,000		\$ 1,375,000	\$ 2,000,000	\$ 570,000				
11	San Mateo 2	6/17/2020	2021	\$ 330,000		\$ 330,000						
12	Ala Co PW	6/24/2020	2019	\$ 2,175,000		\$ 2,175,000						
13	E. Palo Alto	6/29/2020	2019	\$ 521,000		\$ 521,000						
Funds Contributed/Committed				\$ 45,334,000	\$ 14,950,000	\$ 10,374,000	\$ 13,700,000	\$ 6,310,000				
Remaining Funds / Investment Plan for New Projects					N/A	N/A	2,000,000	9,000,000	15,000,000	15,000,000	15,000,000	15,000,000

CDO Benchmark Compliance Strategy (8/31/20 DRAFT)

Action Type		Acreage Treated by June 30, 2020	Planned Acreage Treated by June 30, 2022	Planned Acreage Treated by June 30, 2024	Planned Acreage Treated by June 30, 2026	Investment Commitment (\$ Millions)
Structural Controls						
1.	Caltrans Right of Way (ROW) treated through SHOPP funded on-system projects ^{1,2}	70	253	921	1,037	\$132 Million
2.	Caltrans ROW treated through SHOPP Financial Contribution Only (FCO) program funded local projects ^{1,2}	0	240	640	1,159	\$102 Million
3.	Caltrans ROW treated through HQ Cooperative Implementation Agreement (CIA) program funded local projects	902	1,538	1,918	2,298	\$115 Million
4.	Incidental Caltrans ROW treated through locally funded projects	1,052	1,052	1,052	1,052	NA
Subtotal						\$349 Million
Institutional Controls / Other						
5.	Maintenance Credits ³	15	40	200	500	\$251 Million
6.	Existing Vegetation Control Credits ^{3,5}	0	0	300	700	Funded by item 5
7.	Public Education Credits ⁴	0	20	40	70	\$6 Million
8.	Alternative Compliance Credits (ACC) - Local ROW treated through Caltrans funded local projects ⁶	0	857	929	1,984	Funded by items 2 & 3
Subtotal						\$257 Million
Actual / Proposed Acreage Treated		2,039	4,000	6,000	8,800	
Total Investment						\$606 Million

1. On-system project unit cost ~ \$127,000 / acre. Off-system project unit cost ~ \$88,000 / acre
2. Total SHOPP investment: \$234 million (\$132 for on-system projects, \$102 for off-system projects)
3. \$40-\$44 million/year expended for maintenance efforts, which include sweeping, litter removal, homeless encampment cleanup and drainage inlet cleaning. Maintenance funds will be optimized to achieve target acres, in consultation with the Water Board, based on the pilot study results.
4. 3-year \$9 million statewide public education campaign contract, of which \$1 Million per year for 6 years will be focused on District 4.
5. Pilot study currently underway to determine the effectiveness of vegetation controls. Compliance credits will be based on the study results and in consultation with the Water Board.
6. Alternative Compliance Credits are based on a determination of the infeasibility of structural and non-structural controls which will be made in consultation with the Water Board staff.

ATTACHMENT
STATUS OF EXECUTED/ PROGRAMMED PROJECTS

A. Executed / Programmed SHOPP Projects:

SHOPP	Project Name	On-System / Off-System	Caltrans Acres Treated	Local Acres Treated Through Caltrans Funds	Construction Complete	Cost
2018	Alameda 880	On-System	60	-	2022	\$9,000,000
2020	Vallejo Waste Water	Off- System	114	2,820	2022	\$6,000,000
	City of Hayward	Off- System	128	1,252	2024	\$3,000,000
	Alameda 880 & 80	On- System	58	-	2024	\$10,000,000
	Contra Costa 80 & 680	On- System	24	-	2024	\$10,000,000
	Contra Costa 4	On- System	18	-	2024	\$10,000,000
	Solano-80	On- System	71	-	2024	\$15,000,000
	San Mateo 1	On- System	45	-	2024	\$9,000,000
	Contra Costa 680	On- System	211	-	2024	\$22,000,000
TOTAL			729	4,075		\$94,000,000

B. CIA Program Executed Local Projects

Agency	Project Name	Caltrans Acres Treated	Local Acres Treated Through Caltrans Funds	CIA Executed	Construction Complete	Total Caltrans Contribution
Daly City	Vista Grande	115	1,763	June 2020	2024	\$ 3,440,000
Concord	Hillcrest Park	90	539	June 2020	2023	\$ 4,300,000
Contra Costa County	Tara Hills	39	139	June 2020	2023	\$ 3,945,000
City of San Mateo-1	Poplar/Dore & Coyote Pt	38	765	June 2020	2021	\$ 2,123,000
City of San Mateo 2	Poplar @ Golf Course	11	333	June 2020	2021	\$ 330,000
Ala Co PW	Estudillo Canal	245	2,620	June 2020	2019	\$ 2,175,000
E. Palo Alto	Alto's O'Connor Pump Sta	39	864	June 2020	2019	\$ 521,000
Town of Atherton	Menlo College	Project Terminated by City		May 2017	N/A	\$ 1,232,000
City of S. San Francisco-1	Orange Memorial Park Phase 1	234	6,336	April 2017	2022	\$ 9,500,000
City of S. San Francisco-2	Orange Memorial Park Phase 2			Sept 2019	2022	\$ 6,000,000
City of San Jose	Metro HDS Units	719	2,728	June 2018	2019	\$ 5,500,000
City of Richmond-1	Marina Bay Pkwy	70	960	March 2017	2018	\$ 2,500,000
City of Richmond-2	Meeker Ditch	75	2,340	Jan 2019	2021	\$ 3,000,000
TOTAL		1,675	19,387			\$ 44,566,000