



600 Wilshire Blvd, Suite 750
Los Angeles, CA 90017
tel: 213 457-2200

October 14, 2021

Mr. Rick Whetsel
Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, CA 92503

Subject: CDM Smith Proposed Budget for Regional Bacteria Monitoring Program: 2022-2023
Sample Year

Dear Mr. Whetsel:

The purpose of this letter is to present CDM Smith's project budget for the 2022-2023 sample year for the Santa Ana River Regional Bacteria Monitoring Program. The proposed project budget by task for the upcoming year is \$366,290 (Table 1). Table 2 provides the same budget separated by county. The revised budget reflects the following:

- Review of costs by sampling contractor, CWE (billing rates increased by 3%);
- Review of CDM Smith billing rates (billing rates increased by 3%);
- Additional monitoring and analysis for Cucamonga Creek Reach 1;

Steve Wolosoff will serve as Project Manager for this work. Steve will be supported by Paul Caswell and staff from CWE that will perform the monitoring. We appreciate having the opportunity to continue to provide monitoring services to SAWPA; recognize the importance of this work; and are committing our team for the duration of this project. Please contact me at (949) 930-7252 if you have any questions regarding our proposal.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alberto', with a stylized flourish at the end.

Alberto Acevedo
CSL | Sr Project Manager
CDM Smith Inc.





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CDM SMITH RATES

Categories	Hourly Rate
Engineers/Scientists/Planners:	
Grade 1	\$129
Grade 2	\$144
Grade 3	\$155
Grade 4	\$170
Grade 5	\$190
Grade 6	\$200
Grade 7	\$218
Associate	\$268
Client Service Leader.....	\$314
Support Service:	
Administrative Manager	\$132
Administrative Assistant/Word Processor	\$113
Office Clerk	\$93
Financial Manager	\$142
Contract Administrator	\$124
Financial Assistant	\$98
Miscellaneous Expense:	
Auto Mileage	Current IRS Rate
Outside Services	5 %
Materials and Other	5%





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Table 1. SAR Bacteria Monitoring Program Task-Specific Estimated Costs for 2022-2023 Sample Year

Task	Description	CDM Smith		CWE		Total
		Labor	ODC ¹	Labor	ODC ²	
TASK 1	Stakeholder Coordination	\$21,560	\$4,200			\$25,760
	PM/Qualtiy	\$8,840				\$8,840
	Meetings	\$12,720	\$4,200			\$16,920
TASK 2	Monitoring Program Oversight	\$11,700				\$11,700
	Maintain MP/QAPP/Work Plan	\$9,200				\$9,200
	Technical Review	\$2,500				\$2,500
TASK 3	Laboratory	\$9,720	\$19,430			\$29,150
	Coordination	\$9,720				\$9,720
	Lab Analysis Year 2		\$19,430			\$19,430
TASK 4	Monitoring	\$4,300	\$630	\$165,030	\$20,300	\$190,260
	Dry weather sampling			\$150,800	\$19,300	\$170,100
	Wet weather sampling			\$14,230	\$1,000	\$15,230
	Technical Review	\$4,300	\$630			\$4,930
TASK 5	Annual Report	\$57,900				\$57,900
	Draft and final annual report	\$55,070				\$55,070
	Technical Review	\$2,830				\$2,830
TASK 6	Database	\$47,150				\$47,150
	Compile data in database	\$22,820				\$22,820
	Quarterly Dashboard and CEDEN Upload	\$21,830				\$21,830
	Data QA/QC	\$2,500				\$2,500
TASK 7	ADA Compliance	\$4,370				\$4,370
	Document preparation support	\$4,370				\$4,370
TOTAL		\$156,700	\$24,260	\$165,030	\$20,300	\$366,290
¹ Task 1 ODC costs for attendance by Steve Wolosoff at up to two meetings and other travel to support project; Task 2 ODC costs are for analysis of <i>E. coli</i> (based on up to three dilutions) and TSS samples. ² Task 3 ODCs are as follows: (a) mileage at current IRS rate of \$0.56/mile; (b) YSI cost at \$105/sample day; (c) waterproof digital camera at \$12/sample day; (d) decontamination kit at \$11/sample day; (e) grab pole/bucket at \$8/sample day; and (f) consummables (gloves, distilled water, ice, etc., at \$15/sample day).						



Table 2. Summary of Estimated SAR Bacteria Monitoring Program Costs for Each County for Monitoring Year 2022-2023

Task	Riverside County		San Bernardino County		Orange County		Totals
	Labor	ODCs	Labor	ODCs	Labor	ODCs	
Task 1: Stakeholder Coordination	\$8,689	\$1,693	\$12,117	\$2,360	\$755	\$147	\$ 25,270
Task 2: Monitoring Program Oversight	\$4,715		\$6,575		\$410		\$ 11,700
Task 3: Contract with Qualified Laboratory	\$12,156		\$16,994		¹		\$ 29,150
Task 4: Implement Monitoring Program	\$68,240	\$8,435	\$95,163	\$11,763	\$5,927	\$733	\$190,260
Task 5: Annual Reporting	\$23,334		\$32,540		\$2,027		\$ 57,900
Task 6: Data Management	\$19,001		\$26,498		\$1,650		\$ 47,150
Task 7: ADA Compliance	\$1,761		\$2,456		\$153		\$ 4,370
Totals	\$137,896	\$10,127	\$192,344	\$14,123	\$10,920	\$880	\$366,290
Grand Total	\$148,023		\$206,467		\$11,800		

¹ Sample analysis laboratory costs only apply to Riverside and San Bernardino Counties; per county costs are based on percentage of total samples collected within each County each year (Riverside = 42%; San Bernardino = 58%). For tasks applicable to all counties, e.g., annual reporting and data management, percent of total samples in the program was used to assign a cost to each county: Riverside County = 40%; San Bernardino County = 56% and Orange County = 4%. Numbers are rounded, which may affect some totals.