

**CSS Environmental Services, Inc. - Breakdown of Cost Proposal for Environmental Compliance
Monitoring Required by the Regional Water Quality Control Board (RWQCB) Order No. 00-046 for the
Former Oyster Point Landfill**

Task and Basis	Source	Hrs/Units	Rate	Cost
<i>Task 1 - Annual Cost of Quarterly Groundwater Monitoring.</i> Cost presented here includes collection of levels quarterly, collection of groundwater compliance samples semi-annually, and collection of leachate samples annually.	Project Mang	8	\$185	\$1,480
	Staff Engineer I	50	\$90	\$4,500
	CSS Equip	4	\$400	\$1,600
	Laboratory (Annual)	5	\$138	\$690
	Laboratory (Semi)	18	\$138	\$2,484
	SUBTOTAL			\$10,754
<i>Task 2 - Storm Water Inspection.</i> Conduct visual and storm event inspections of site and surface water discharges in compliance with General Permit and submit copies to City and Harbor District. Annual cost for 1 storm and 3 non-storm events.	Project Mang	12	\$185	\$2,220
	Staff Engineer I	24	\$90	\$2,160
	SUBTOTAL			\$4,380
<i>Task 3 - Storm Water Monitoring.</i> Monitor weather and collect samples at 6 locations from FOUR storm events as per monitoring plans and amendments annually. Prepare summary table of results and forward with records to City. Annual Cost is presented.	Project Mang	15	\$185	\$2,775
	Staff Engineer I	36	\$90	\$3,240
	Equip	4	\$400	\$1,600
	Laboratory	36	\$747	\$26,892
	SUBTOTAL			\$34,507
<i>Task 4 - Completion of Annual and Semi Annual Landfill Monitoring Reports.</i> Prepare reports for submittal by email and to GeoTracker. Discuss recent activities, results of water quality monitoring programs and landfill gas monitoring programs. Prepare summary tables and illustrative figures. Annual cost is presented.	Project Mang	32	\$185	\$5,920
	Staff Engineer II	60	\$105	\$6,300
	CADD	16	\$70	\$1,120
	SUBTOTAL			\$13,340
<i>Task 5 - Completion of Annual Storm Water Monitoring Reports.</i> Work includes data compilation, data evaluation and reporting to the State's SMART system. Annual cost is presented.	Project Mang	4	\$185	\$740
	Staff Engineer II	20	\$105	\$2,100
	SUBTOTAL			\$2,840
<i>Task 6 - Quarterly Landfill Perimeter Monitoring.</i> Perform landfill gas and water level monitoring for perimeter gas wells. Prepare semi-annual report for submittal to City, Harbor District and San Mateo County Health Services Agency. Two quarters are reported with Annual/Semi-Annual landfill monitoring reports. Annual cost is presented.	Project Mang	8	\$185	\$1,480
	Staff Engineer II	4	\$105	\$420
	CADD	4	\$70	\$280
	Env Tech II	36	\$82	\$2,952
	Gem2000 Gas Meter	4	\$250	\$1,000
	SUBTOTAL			\$6,132
<i>Task 7 - Project Management and extra work.</i> Prepare detailed invoices and project status reports, meet with City as necessary. Review work of others during redevelopment. Misc tasks such as structure monitorings and future regulatory compliance/meetings. Annual cost is presented.	Project Mang	100	\$185	\$18,500
	Staff Engineer II	100	\$105	\$10,500
	Misc. Outside Costs	1	\$642	\$642
	SUBTOTAL			\$29,642
<i>Task 8 - Meetings.</i> Attend meetings with the City, the Developer, Cal Water and/or RWQCB as needed each year. Annual cost is presented.	Project Mang	12	\$185	\$2,220
	SUBTOTAL			\$2,220
<i>Task 9 - Cal Water Quarterly Reports.</i> Submit quarterly reports to al Water including semi-annual monitoring reports (already contracted with CSS by the City (Task 4), quarterly reading of groundwater elevations in existing monitoring wells (presently performed quarterly and reported semi-annually (Task 1). As semi-annual reports are currently prepared two additional quarterly reports are required per year. Annual cost is presented.	Project Mang	16	\$185	\$2,960
	Staff Engineer II	30	\$105	\$3,150
	CADD	8	\$70	\$560
	SUBTOTAL			\$6,670
	<i>Task 10 - Survey of Fire Hydrants.</i> The City is required to survey selected fire hydrants, capturing any settlement at 30 days, 1 year, 3 years and 5 years or as directed after water line tie-in Annual cost is presented.	Survey	2	\$1,350
	SUBTOTAL			\$2,700
<i>Task 11 - Develop ISO Settlement Map.</i> The City is required to develop a ISO settlement Map after water line tie-in and every 5 years thereafter or as directed. CSS assumes that ground elevations will be surveyed across the landfill to determine settlement and that the City can provide a baseline map. Annual cost is presented.	Survey/ISO Map	2	\$4,500	\$9,000
	SUBTOTAL			\$9,000
	<i>Task 12 - Sampling and Analysis of Water Stations/Water System Wells.</i> As directed samples will be collected and analyzed from the water system monitoring stations and water system wells. Annual cost is presented.	Sampling/Analysis	2	\$1,600
	SUBTOTAL			\$3,200
Total Annual Cost	TOTAL			\$125,385