

City of Rancho Palos Verdes

2013 Infrastructure Report Card

Engineer's Opinion of Improvement Costs to Improve
Abalone Cove Sewer Infrastructure Grade Level by
One Letter Grade (D to C)

No.	Description & Location (Drainage Area)	Cost
1	Repair/replacement of existing gravity pipe damaged from subsurface movement	\$200,000
2	Repair/replacement of grinder pumps	\$250,000
3	Repair/replacement/modifications of existing force main/pressure pipe	\$100,000
4	Repair/replacement of existing manholes	\$150,000
5	Upgrade of lift station	\$200,000
Total		\$900,000

Prepared by: SA Associates

City of Rancho Palos Verdes

2013 Infrastructure Report Card

Engineer's Opinion of Improvement Costs to Improve
Abalone Cove Sewer Infrastructure Grade Level to
An "A" Grade (D to A)

No.	Description & Location (Drainage Area)	Cost
1	Improvements Listed in Table Above	\$900,000
2	Installation of some additional/redundant infrastructure	\$500,000
3	Replacement of lift station	\$500,000
4	Miscellaneous Improvements (i.e. aesthetics/noise/smell, etc.)	\$100,000
Total		\$2,000,000

Prepared by: SA Associates

Note: the City's 2009 Sewer Master Plan Update and 2013 Five-Year Capital Improvement Plan was used to prepare the above estimates. Items may not exactly match the City's 2013-2014 CIP cost estimates as they have been modified based on the engineer's opinion resulting from preparing the Infrastructure Report Card and discussions with City staff.