

## **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)

<b>No.</b>	<b>Description &amp; Location (Drainage Area)</b>	<b>Cost</b>
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
	<b>Total</b>	<b>\$900,000</b>

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)

<b>No.</b>	<b>Description &amp; Location (Drainage Area)</b>	<b>Cost</b>
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
	<b>Total</b>	<b>\$2,000,000</b>

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.