Table 1b. Calculation of Per-Acre Costs - Malibu Lagoon Restoration

Project Summary

Restoration and enhancement of Malibu Lagoon: recontour the western lagoon; demolish three bridges; remove inappropriate vegetation and replant with native, site appropriate species; and construct interpretive landscape.

Task	*Year*	*$Million*	*$Million in 2017*
Mobilization	2012	$ 205,000.00	
Site preparation (grubbing, invasives removal, etc.)	2012	$ 680,000.00	
Relocation of utilities		n/a	
Grading and earthwork	2012	$ 900,000.00	
Construction of structures	2012	$ 887,000.00	
Irrigation installation	2012	$ 228,000.00	
Planting Maintenance (during monitoring period)	Spring 2013-Spring 2018	incl below	
Monitoring (including reporting)	Spring 2013-Spring 2018	$ 450,000.00	
Total Cost			

ESA can do this part using the same calculator we did for San Dieguito and Ballona

Total Cost per Acre ($K)

ESA can do this part based on the 2017 dollars

Notes

Site prep cost includes $530,00 dewatering costs.

These totals do not include approx. $545,000 in project management and inspection costs.

$3,456,500 for construction of the project including interpretive features (construction of structures cost above), $340,400 for plants and $60,000 for resource monitoring during construction.

References