



Suntree Technologies, Inc., 798 Clearlake Rd., Cocoa, FL 32922, Phone 321-637-7552, Fax 321-637-7554, web: www.suntreetech.com

## Grate Inlet Skimmer Box - Removal Efficiencies

### Numeric Reductions (mg/L)

Location	Total Suspended Solids mg/L			Total Phosphorus mg/L			Total Nitrogen mg/L		
	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency
Site Evaluation - Reedy Creek			74%			57%	24.3	10.4	57%
Creech Engineering Report			73%			79%			79%
Witman's Pond	978	329	66%	18.6	0.452	98%	48.08	9.86	79%
UC Irvine			53%						

Location	Zinc mg/L			Lead mg/L			Copper mg/L		
	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency
UC Irvine			11%			99%			
Longo Toyota	13.7	0.73	95%	1.5	0.2	87%	1.9	0.1	95%

Location	Ammonia, Salicylate mg/L			Fecal Coliform CFU/100 mL			Cadmium		
	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency
Site Evaluation - Reedy Creek	0.38	0.23	39%						
UC Irvine						33%			94%

Location	Hydrocarbons mg/L			COD (mg/L)		
	Inlet	Outlet	Removal Efficiency	Inlet	Outlet	Removal Efficiency
Site Evaluation - Reedy Creek			54%	2670	1490	44%
Witman's Pond	110	50	55%			
UC Irvine			90%			
Longo Toyota	199	10.43	95%			

Reedy Creek - Site Evaluation of a Grate Inlet Skimmer Box for Debris, Sediment, and Oil & Grease Removal - 1999 - [Independent Test](#)

Creech Engineering Report - Pollutant Removal Testing for a Grate Inlet Skimmer Box - 2001

Witman's Pond - Restoration Project - Massachusetts Dept of Environmental Management - 1998 - [Independent Test](#)

UC Irvine - Optimization of Stormwater Filtration at the Urban/Watershed Interface - Dept of Environmental Health - 2005 - [Independent Test](#)

Longo Toyota - Field Test - City of El Monte - 2002 - [Independent Test](#)