EXHIBIT B

First Year Carbon Calculations (prior to construction)

Table 1 - Assessment, Reduction and Mitigation of Indirect GHG Emissions

Part 1: Identification of GHG Amount Emitted			
Source	**Total Annual Electrical Use (MWh/ year)**	**Current Posted Emissions Factor ($lbCO_2/MWh$)**	**Total Annual Emissions (metric tons CO_2/ year)**
Project Baseline Design	274,400	780.79 [1]	97,165
Part 2: On-site and Project-Related Reduction of GHG Emissions			
Reduction due to High-Efficiency Design	(28,244)	780.79	(10,001)
Green Building Design	(300 to 500)	780.79	(106 to 177)
On-site Solar Power Generation	(0-777)	780.79	(0-275)
Recovery of CO_2	N/A	780.79	(2,100)
Reducing Energy Needs for Water Recycling	(1,950)	780.79	(690)
Reduced Water Importation	(190,641)	780.79	(67,506)
Sequestration in Coastal Wetlands if planted prior to project starting. [2]	N/A	780.79	(No more than 3.5 Tons/Acre) 100
Subtotal On-site Reduction Measures			**(80,540 to 80,886)**
***Subtotal Without Reduced Water Importation**			**(12,997 to 13,343)**
Net Indirect GHG Emissions with Reduced Water Importation			**16,279 to 16,625**
Net Indirect GHG Emissions Without Reduced Water Importation			**83,822 to 84,168**
Part 3: Additional Off-Site Reductions of GHG Emissions			
Sequestration Through Reforestation [3]	N/A	780.79	CDF #'s (1-3 ton/acre) 0
Potential Renewable Energy Partnerships	(0 - 2,260)	780.79	(0 - 800)
Subtotal Off-site Measures with SWP [4]	N/A	780.79	(245-1,045)
Offset and REC Purchases with SWP	N/A		**(14,189 to 16,135)**
Offset and REC Purchases without SWP			**(81,732 to 83,678)**
Net Indirect GHG Emissions			0