

**SOUTH COAST MARINE PROTECTED AREAS PROJECT
DRAFT ENVIRONMENTAL IMPACT REPORT**

**APPENDIX C
AIR EMISSIONS CALCULATION SUMMARY SHEETS
(Excel Files: see electronic copy for background calculations)**

TABLE C-1
SUMMARY OF AIR EMISSIONS FROM COMMERCIAL FISHING VESSELS

CRITERIA POLLUTANTS					
	NOx	CO	HC	PM10	SO2
SBCAPCD					
Average Daily (lb/day)					
Daily Max (lb/day)	4.3	0.9	0.2	0.2	0.4
Daily Threshold (lb/day)	55		25		
# Days Threshold Exceeded					
Annual Total (ton/yr)	0.15	0.03	0.01	0.01	0.01
Annual Threshold (ton/yr)					
VCAPCD					
Average Daily (lb/day)					
Daily Max (lb/day)	0	0	0	0	0
Daily Threshold (lb/day)	25	N/A	25	N/A	N/A
# Days Threshold Exceeded					
Annual Total (ton/yr)	0	0	0	0	0
Annual Threshold (ton/yr)	N/A	N/A	N/A	N/A	N/A
SCAQMD					
Average Daily (lb/day)					
Daily Max (lb/day)	17.6	3.6	0.7	0.9	1.5
Daily Threshold (lb/day)	55	550	55	150	150
# Days Threshold Exceeded					
Annual Total (ton/yr)	0.74	0.16	0.03	0.04	0.06
Annual Threshold (ton/yr)					
SDAPCD					
Average Daily (lb/day)					
Daily Max (lb/day)	10.9	2.3	0.4	0.6	0.9
Daily Threshold (lb/day)	250	N/A	75	100	N/A
# Days Threshold Exceeded					
Annual Total (ton/yr)	0.44	0.09	0.02	0.02	0.04
Annual Threshold (ton/yr)	N/A	N/A	N/A	N/A	N/A

TABLE C-1
SUMMARY OF AIR EMISSIONS FROM COMMERCIAL FISHING VESSELS

	GHG EMISSIONS			
	CO2	N2O	CH4	CO2e
SBCAPCD				
Annual Total (MT/yr)	8.9	2.3E-04	6.5E-04	9.0
VCAPCD				
Annual Total (MT/yr)	0.0	0.0E+00	0.0E+00	0.0
SCAQMD				
Annual Total (MT/yr)	46.9	1.2E-03	3.4E-03	47.4
SDAPCD				
Annual Total (MT/yr)	27.3	7.0E-04	2.0E-03	27.6
TOTAL				
Annual Total (MT/yr)	83.2	2.1E-03	6.0E-03	84.0

TABLE C-2
SUMMARY OF AIR EMISSIONS FROM COMMERCIAL PASSENGER FISHING VESSELS

CRITERIA POLLUTANTS					
	NOx	CO	HC	PM10	SO2
SBCAPCD					
Daily Max (lb/day)	2.8	0.6	0.1	0.1	0.2
Daily Threshold (lb/day)	55		25		
Annual Total (ton/yr)	0.02	0.00	0.00	0.00	0.00
VCAPCD					
Daily Max (lb/day)	0	0	0	0	0
Daily Threshold (lb/day)	25	N/A	25	N/A	N/A
Annual Total (ton/yr)	0	0	0	0	0
SCAQMD					
Daily Max (lb/day)	0.1	0.0	0.0	0.0	0.0
Daily Threshold (lb/day)	55	550	55	150	150
Annual Total (ton/yr)	0.00	0.00	0.00	0.00	0.00
SDAPCD					
Daily Max (lb/day)	0.0	0.0	0.0	0.0	0.0
Daily Threshold (lb/day)	250	N/A	75	100	N/A
Annual Total (ton/yr)	0.00	0.00	0.00	0.00	0.00

TABLE C-2
SUMMARY OF AIR EMISSIONS FROM COMMERCIAL PASSENGER FISHING VESSELS

	GHG EMISSIONS			
	CO2	N2O	CH4	CO2e
SBCAPCD				
Annual Total (MT/yr)	0.8	2.0E-05	5.7E-05	0.8
VCAPCD				
Annual Total (MT/yr)	0.0	0.0E+00	0.0E+00	0.0
SCAQMD				
Annual Total (MT/yr)	0.2	5.7E-06	1.6E-05	0.2
SDAPCD				
Annual Total (MT/yr)	0.0	7.8E-07	2.2E-06	0.0
TOTAL				
Annual Total (MT/yr)	1.0	0.0	0.0	1.0